

INTERNATIONAL SEARCH REPORT

Inte Application No
PCT/ISA/04420

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H03M13/45		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 H03M H04L		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	US 2002/018533 A1 (SIVAN NOAM ET AL) 14 February 2002 (2002-02-14) abstract paragraphs '0001!, '0004!, '0007!, '0043! - '0046! figures 1,3 ----- -/--	1,4-9 2,3,10, 11
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family		
Date of the actual completion of the international search 2 March 2005		Date of mailing of the international search report 21/03/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Burkert, F

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Inte I Application No

PCT/IB2004/04420

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WU Y ET AL: "INTERNAL DATA WIDTH IN SISO DECODING MODULE WITH MODULAR RENORMALIZATION" PROC. IEEE 51ST VEHICULAR TECHNOLOGY CONFERENCE, TOKYO, JAPAN, vol. VOL. 1 OF 3. CONF. 51, 15 May 2000 (2000-05-15), pages 675-679, XP000970706 ISBN: 0-7803-5719-1	1, 4-9
A	abstract page 675 - page 677 page 679	2, 3, 10, 11
A	CHENG J-F ET AL: "LINEARLY APPROXIMATED LOG-MAP ALGORITHMS FOR TURBO DECODING" PROC. IEEE 51ST VEHICULAR TECHNOLOGY CONFERENCE, TOKYO, JAPAN, vol. VOL. 3 OF 3. CONF. 51, 15 May 2000 (2000-05-15), pages 2252-2256, XP000968405 ISBN: 0-7803-5719-1 abstract page 2255 - page 2256; figures 5, 6	1-11
A	ERICSSON INC: "Simplified log-MAP algorithm (Ericsson Inc)" RESEARCH DISCLOSURE, KENNETH MASON PUBLICATIONS, HAMPSHIRE, GB, vol. 421, no. 33, May 1999 (1999-05), XP007124292 ISSN: 0374-4353 the whole document .	1-11

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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002018533 A1	14-02-2002	EP 1189355 A1	20-03-2002
		DE 60006108 D1	27-11-2003
		DE 60006108 T2	19-05-2004
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